

FIG. 1

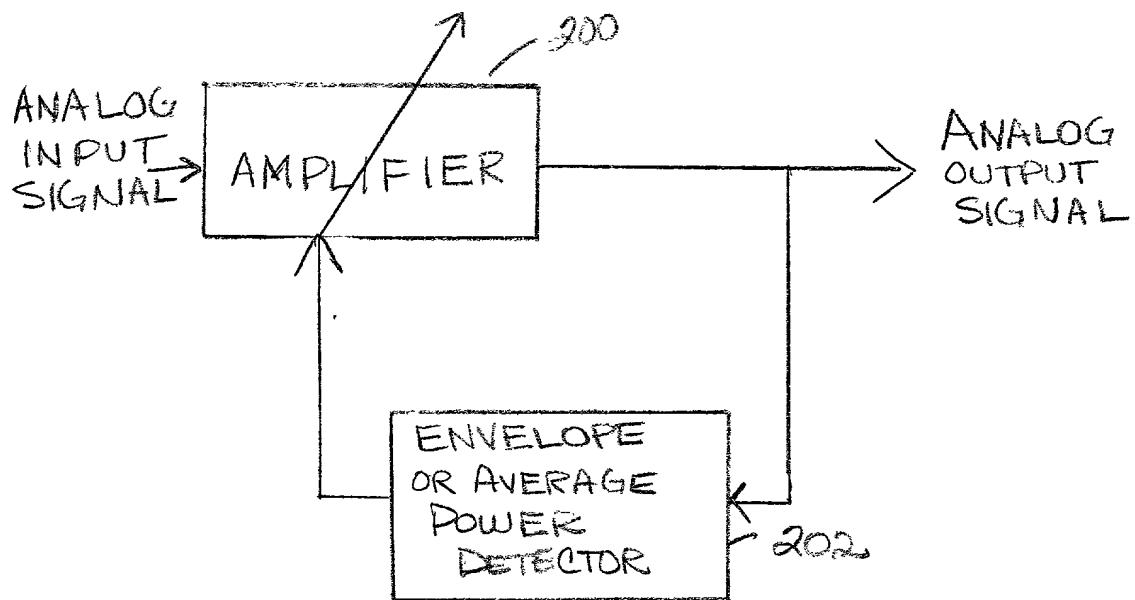


FIG 2A (PRIOR AET)

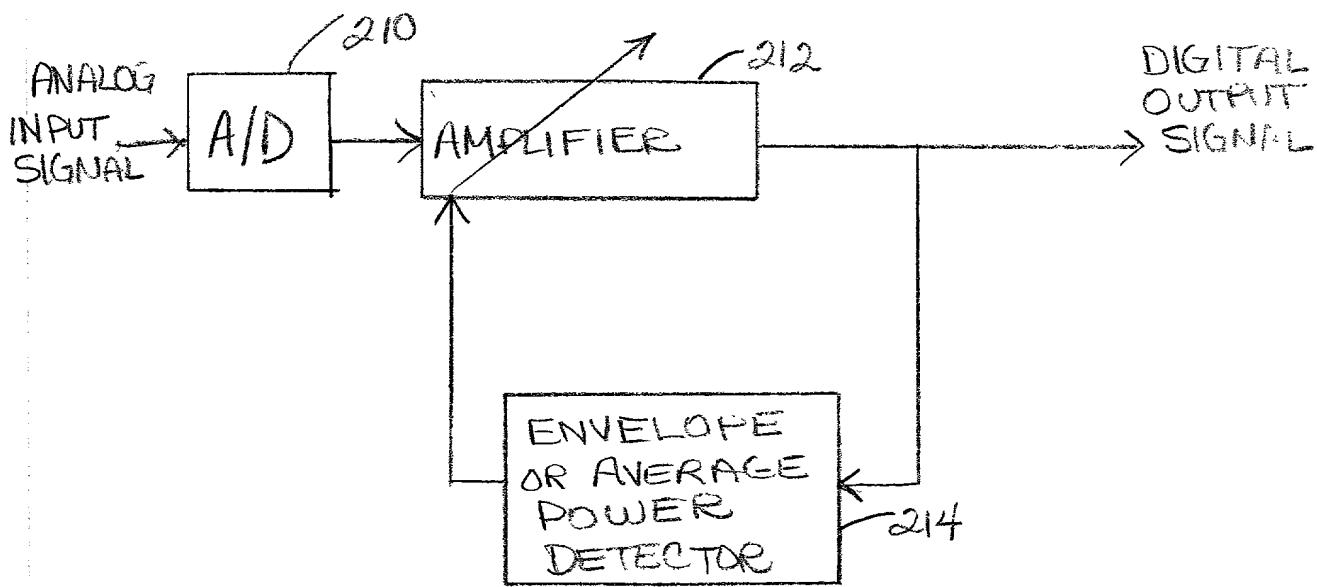


FIG 2B (PRIOR ART)

1020490 - 17582860

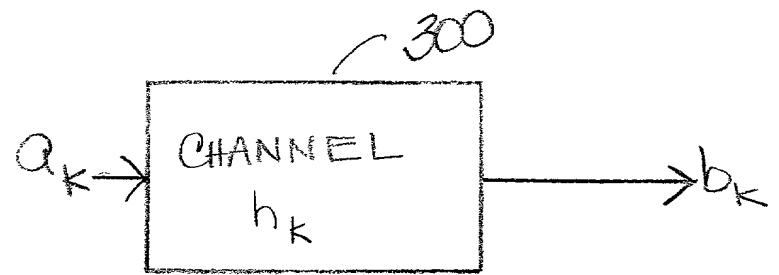


FIG 3



FIG. 4A

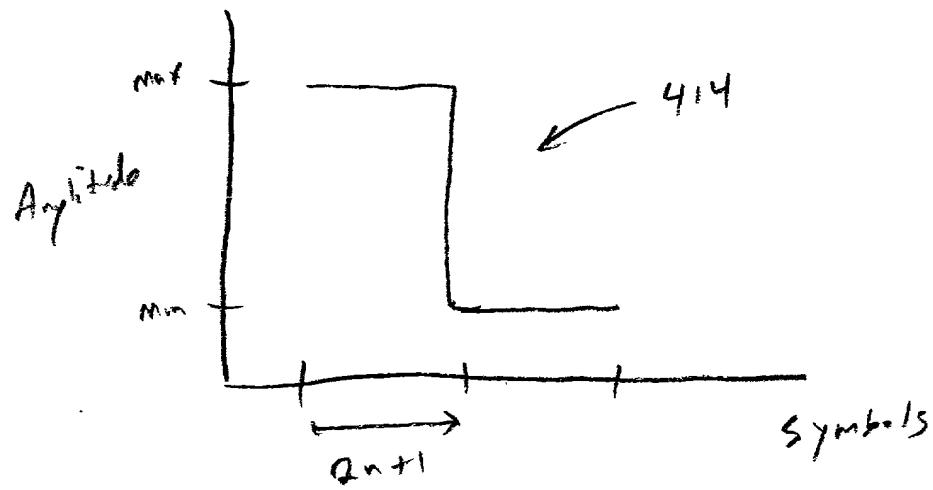
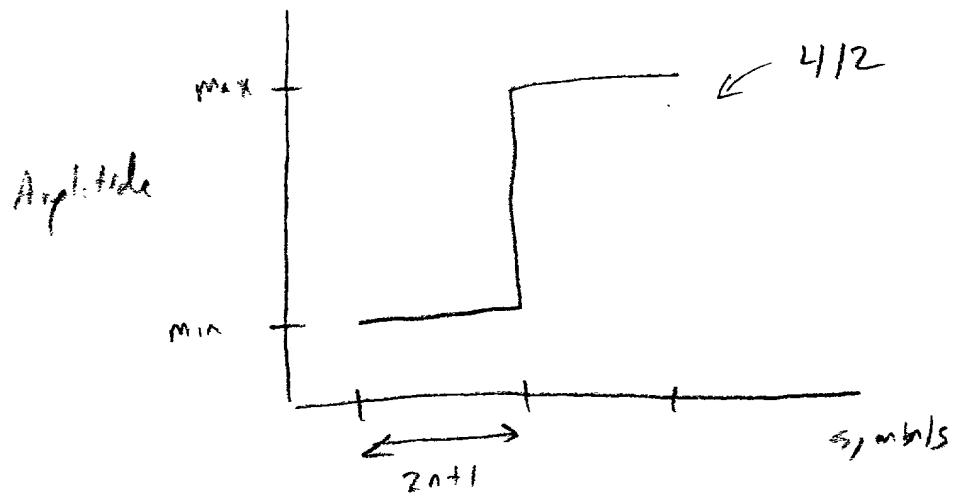


Figure 4B

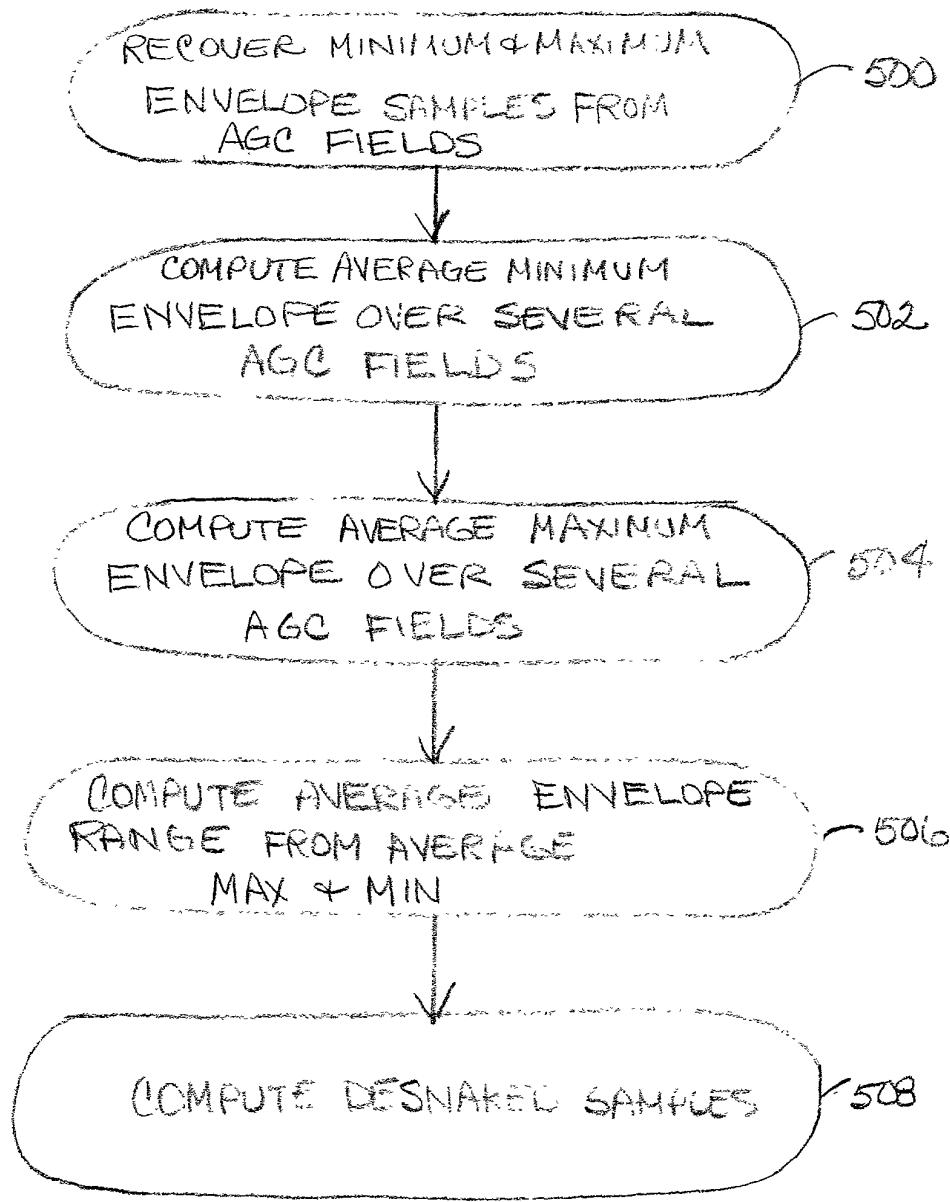


FIG. 5

FIGURE 6 A

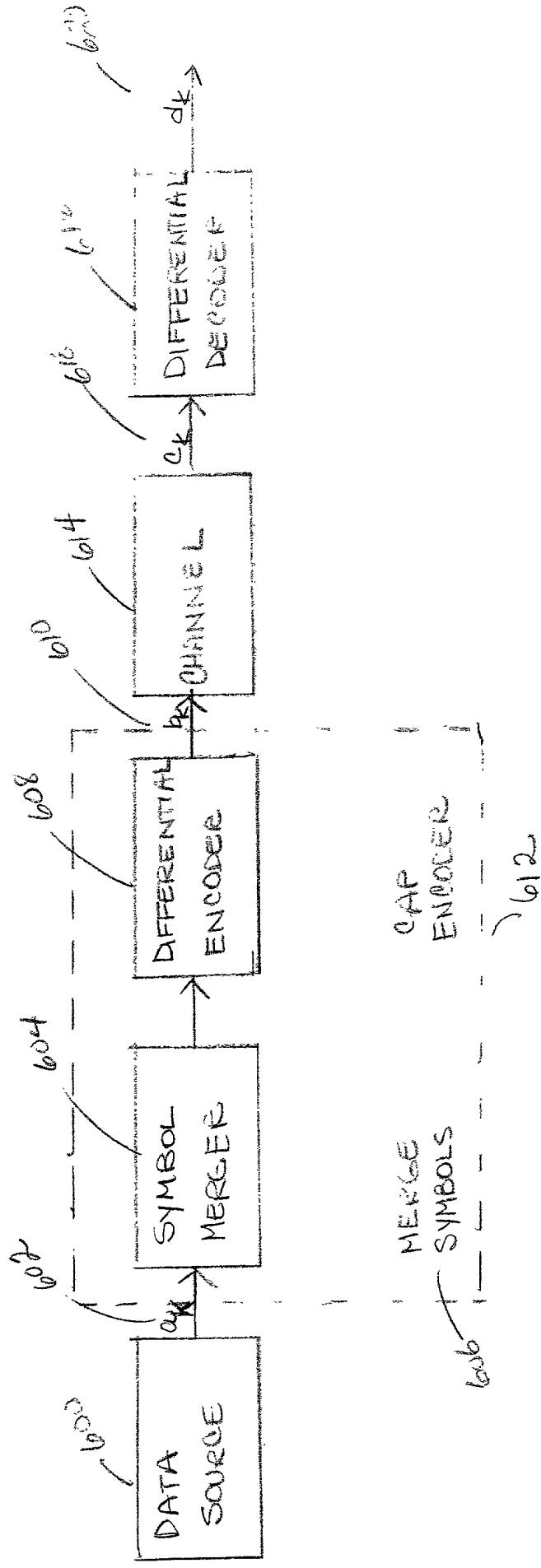


FIG 6 A

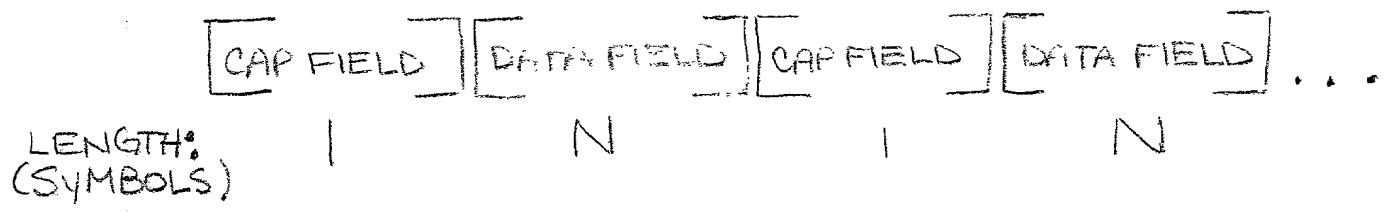


FIG 6 B

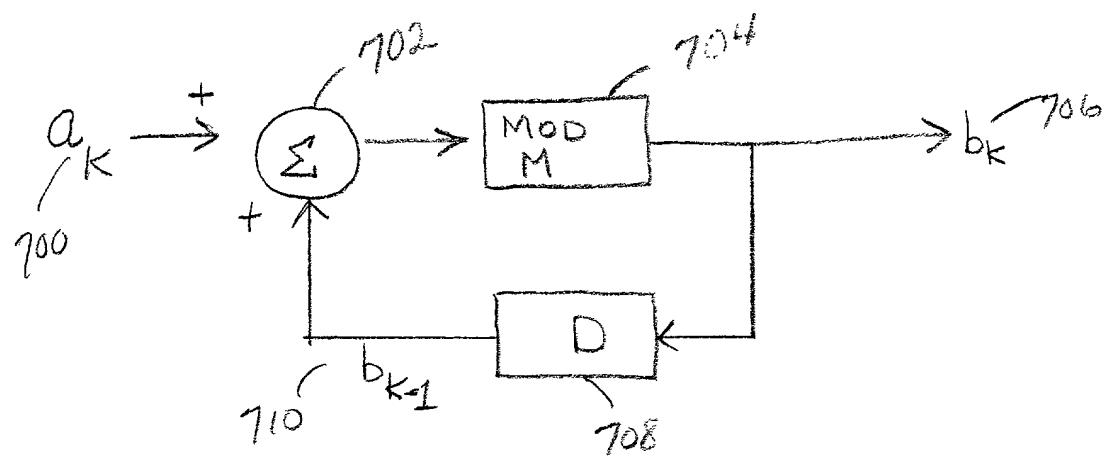


FIG 7 A

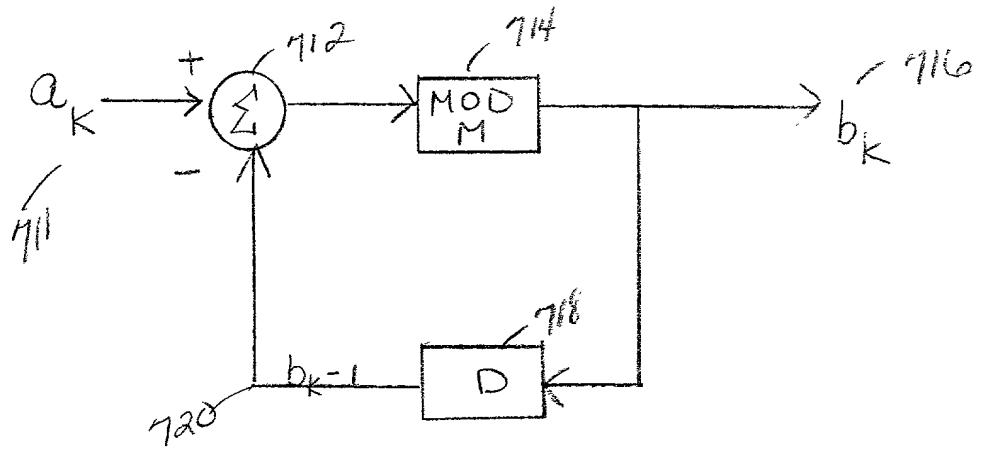


FIG 7 B

TO 9040-TTE22060

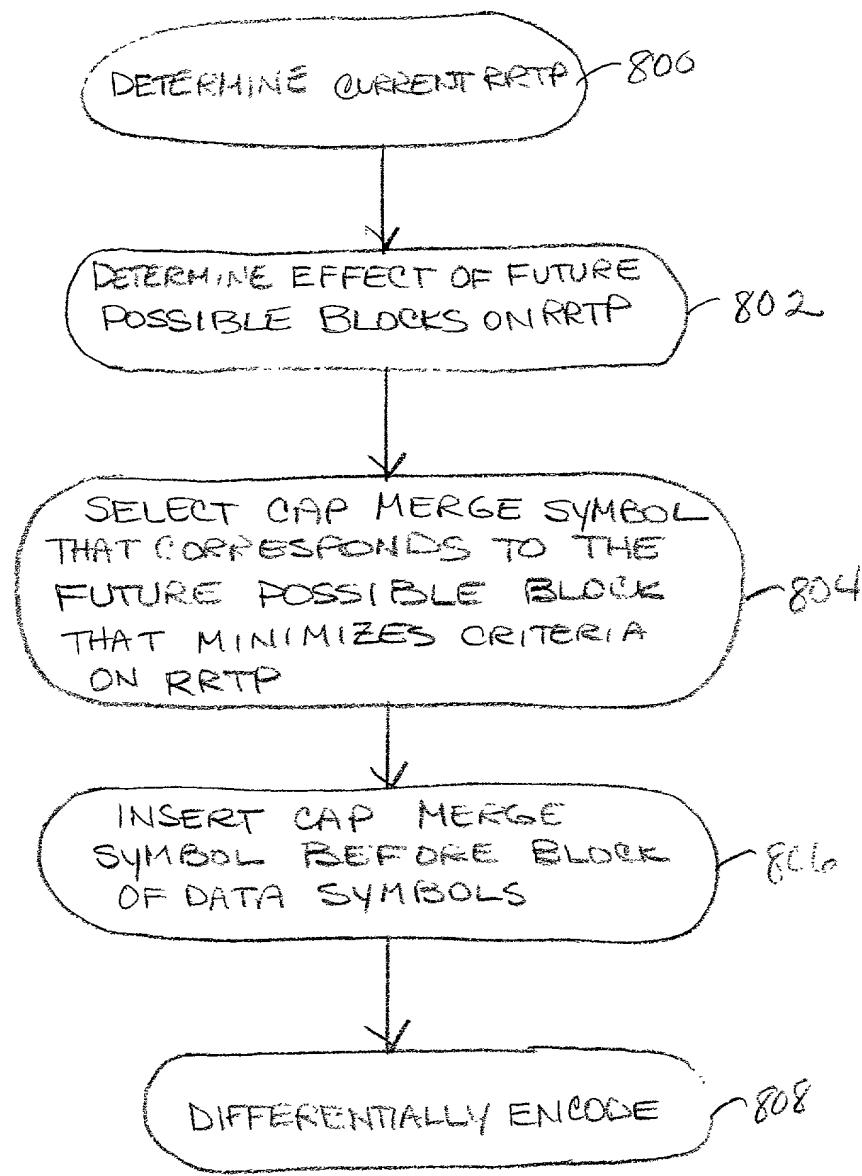


FIG 8A

NO. OF LEVELS $M : 4$
 FREQUENCY OUTPUT LEVEL:
 INPUT BLOCK : 0
 CURRENT RRTF : -2 1 3 2

CANDIDATE MERGE SYMBOL 0

	a_k	0	0	1	3	2
b_k	0	0	0	1	0	2
DV(b_k)	-3	-3	-1	-3	+1	
DSS(b_k)	9	9	1	9	1	
RRTF	-2	+2	+6	+6	+2	

$$\Rightarrow \text{ENDING } |RRTF| = 6 \\ \text{MAX } |RRTF| = 6$$

CANDIDATE MERGE SYMBOL 1

	a_k	1	0	1	3	2
b_k	0	1	1	2	1	3
DV(b_k)	-1	-1	+1	-1	-1	+3
DSS(b_k)	1	1	1	1	1	9
RRTF	-2	-6	-10	-14	-18	-14

$$\Rightarrow \text{ENDING } |RRTF| = 14 \\ \text{MAX } |RRTF| = 18$$

CANDIDATE MERGE SYMBOL 2

	a_k	2	0	1	3	2
b_k	0	2	2	3	2	0
DV(b_k)	+1	+1	+3	+1	-3	0
DSS(b_k)	1	1	9	1	9	
RRTF	-2	-6	-10	-6	-10	-6

$$\Rightarrow \text{ENDING } |RRTF| = 6 \\ \text{MAX } |RRTF| = 10$$

CANDIDATE MERGE SYMBOL 3

	a_k	3	0	1	3	2
b_k	0	3	3	0	3	1
DV(b_k)	+3	+3	-3	+3	+3	-1
DSS(b_k)	9	9	9	9	9	1
RRTF	-2	+2	+6	+10	+14	+10

$$\Rightarrow \text{ENDING } |RRTF| = 10 \\ \text{MAX } |RRTF| = 14$$

FIG 8 B

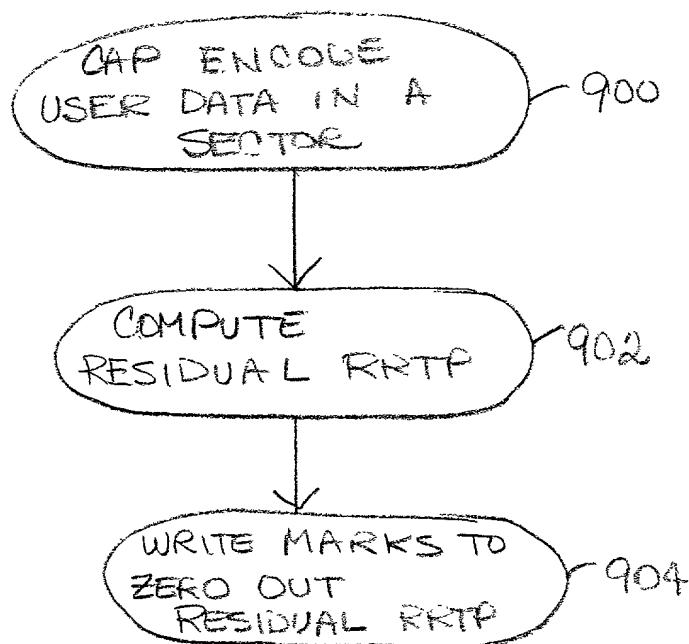


FIG 9A

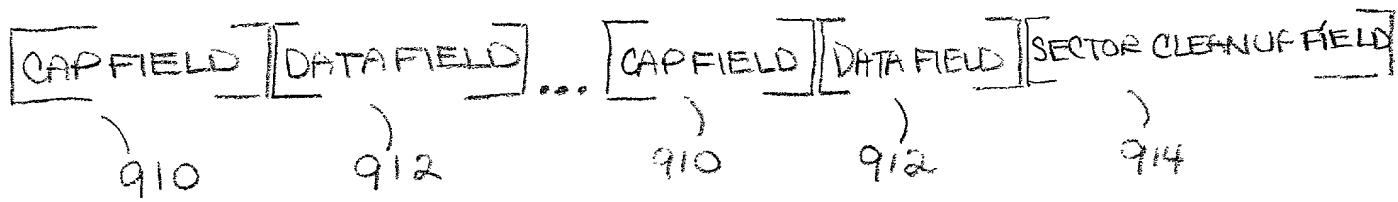


FIG 9B